

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| L21   | 21   | ((("6941862") or<br>("6612213") or<br>("6419219") or<br>("6247692") or<br>("5485992") or<br>("5439206") or<br>("5236188") or<br>("5080338") or<br>("4811641") or<br>("3531108"))).PN.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/09/10<br>10:25 |
| L22   | 146  | ("0974231"   "1363031"<br>  "1532538"  <br>"2019658"   "2121327"<br>  "2540972"  <br>"2836018"   "3088359"<br>  "3116668"  <br>"3240089"   "3264917"<br>  "3479024"  <br>"3516315"   "3531108"<br>  "3762254"  <br>"3762697"   "4176535"<br>  "4244565"  <br>"4368879"   "4373713"<br>  "4432746"  <br>"4522387"   "4534552"<br>  "4564470"  <br>"4572043"   "4592259"<br>  "4593896"  <br>"4608115"   "4637286"<br>  "4640164"  <br>"4720089"   "4729282"<br>  "4736936"  <br>"4754959"   "4801132"<br>  "4861326"  <br>"4921235"   "4925173"<br>  "4925179"  <br>"4948112"   "4955964"<br>  "4983155"  <br>"5000437"   "5028045"<br>  "5037076"  <br>"5046711"   "5064180"<br>  "5103703"  <br>"5110108"   "5112033"<br>  "5146820"  <br>"5156389"   "5180160"<br>  "5197364"  <br>"5230268"   "5249791"<br>  "5405126"  <br>"5439206"   "5607146"<br>  "5615878" | US-PGPUB;<br>USPAT; USOCR                                     | OR               | ON      | 2008/09/10<br>10:33 |

|     |     |  |   |    |    |                     |
|-----|-----|--|---|----|----|---------------------|
|     |     | "5639083"   "5647586"<br>  "5702100"  <br>"5707054"   "5730435"<br>  "5794929"  <br>"5901647"   "5927712"<br>  "6000334"  <br>"6019714"   "6129352"<br>  "6186501"  <br>"8367792").PN. OR<br>("3531108"   "4811641"<br>  "5080338"  <br>"5236188"   "5439206"<br>  "5485992"  <br>"6247692"   "6419219"<br>  "6612213"  <br>"6941862").URPN. |   |    |    |                     |
| L23 | 651 | 83/102,94,155.1.ccls.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/10<br>11:04 |
| L24 | 1   | 10/575921.app.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/10<br>11:31 |
| L25 | 285 | 271/187.ccls.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/10<br>12:17 |
| L26 | 187 | web and signature and<br>(transverse with cut\$4)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/10<br>12:55 |
| L27 | 49  | web and signature and<br>"collecting cylinder"   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/10<br>12:59 |
| L28 | 2   | "20030102616".pn.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/10<br>16:01 |
| S1  | 594 | 271/225.ccls.  | US-PGPUB;<br>USPAT  | OR | ON | 2008/04/12<br>13:44 |
| S2  | 77  | 271/280.ccls.  | US-PGPUB;<br>USPAT  | OR | ON | 2008/04/12<br>13:44 |
| S3  | 70  | 271/287.ccls.  | US-PGPUB;<br>USPAT  | OR | ON | 2008/04/12<br>13:44 |

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| S4  | 108 | 271/292.ccls.                            | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>13:44 |
| S5  | 267 | 271/296,297.ccls.                        | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>13:45 |
| S6  | 127 | 271/300.ccls.                            | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>13:45 |
| S7  | 657 | 271/303,305.ccls.                        | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>13:45 |
| S8  | 160 | 271/178.ccls.                            | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>13:47 |
| S9  | 226 | 271/187.ccls.                            | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>13:47 |
| S10 | 273 | 271/315.ccls.                            | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>13:48 |
| S11 | 76  | S2 not S9                                | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>14:00 |
| S12 | 70  | S3 not (S2 S9)                           | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>14:01 |
| S13 | 98  | S4 not (S2 S9 S3)                        | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>14:03 |
| S14 | 231 | S5 not (S2 S9 S3 S4)                     | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>14:05 |
| S15 | 104 | S6 not (S2 S9 S3 S4 S5)                  | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>14:24 |
| S16 | 555 | S7 not (S2 S9 S3 S4 S5<br>S6)            | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>14:25 |
| S17 | 77  | 271/280.ccls.                            | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>14:51 |
| S18 | 70  | 271/287.ccls.                            | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>14:51 |
| S19 | 108 | 271/292.ccls.                            | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>14:51 |
| S20 | 267 | 271/296,297.ccls.                        | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>14:51 |
| S21 | 127 | 271/300.ccls.                            | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>14:51 |
| S22 | 657 | 271/303,305.ccls.                        | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>14:51 |
| S23 | 160 | 271/178.ccls.                            | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>14:51 |
| S24 | 226 | 271/187.ccls.                            | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>14:51 |
| S25 | 148 | S23 not (S17 S24 S18<br>S19 S20 S21 S22) | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>14:51 |
| S26 | 273 | 271/315.ccls.                            | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>14:59 |

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|-----|-----|---|------------------------|----|----|------------------|
| S27 | 106 | S26 not (S17 S24 S18 S19 S20 S21 S22 S23)   | US-PGPUB; USPAT        | OR | ON | 2008/04/12 14:59 |
| S28 | 594 | 271/225.ccls.   | US-PGPUB; USPAT        | OR | ON | 2008/04/12 15:06 |
| S29 | 557 | S28 not (S17 S24 S18 S19 S20 S21 S22 S23 S25 S26)   | US-PGPUB; USPAT        | OR | ON | 2008/04/12 15:06 |
| S30 | 199 | ("0086581"   "1266737"   "1915376"   "2109050"   "2794637"   "2855833"   "3115090"   "3162438"   "3166206"   "3347367"   "3379320"   "3410421"   "3410423"   "3477591"   "3487447"   "3488693"   "3607583"   "3702186"   "3762697"   "3851773"   "4120491"   "4205837"   "4228997"   "4242773"   "4244565"   "4373713"   "4451028"   "4490132"   "4522387"   "4534552"   "4593896"   "4618302"   "4729282"   "4865307"   "4915371"   "4925173"   "4925179"   "4934264"   "4955964"   "4968015"   "5040783"   "5054767"   "5083768"   "5083998"   "5112033"   "5120049"   "5123638"   "5131646"   "5156389"   "5180160"   "5236188"   "5241905"   "5249791"   "5261655"   "5615878"   "5639083"   "5647586"   "5730435"   "5836084"   "5894796"   "5915441"   "6116595"   "6394445"   "RE34970").PN. OR ("1627333"   "1856978"   "1956541"   "1985547"   "2001/0022421"   "2005/0023746"   "2014933"   "2031136" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/04/12 15:26 |

|     |     |  |                    |    |    |                     |
|-----|-----|--|--------------------|----|----|---------------------|
|     |     | "2067565"  <br>"2109050"   "3531108"<br>  "3851773"  <br>"3894479"   "3980183"<br>  "4120491"  <br>"4948112"   "5112033"<br>  "5359929"  <br>"5359930"   "5485992"<br>  "5641156"  <br>"6419219"   "6755128"<br>  "7121201").URPN.   |                    |    |    |                     |
| S31 | 24  | (US-20050023746-\$ or<br>US-20010022421-\$).did.<br>or (US-6755128-\$ or US-<br>5359930-\$ or US-<br>4120491-\$ or US-<br>3531108-\$ or US-<br>4948112-\$ or US-<br>3980183-\$ or US-<br>3894479-\$ or US-<br>3851773-\$ or US-<br>2067565-\$ or US-<br>1856978-\$ or US-<br>1627333-\$ or US-<br>5641156-\$ or US-<br>7121201-\$ or US-<br>6419219-\$ or US-<br>5485992-\$ or US-<br>5359929-\$ or US-<br>5112033-\$ or US-<br>2109050-\$ or US-<br>2031136-\$ or US-<br>2014933-\$ or US-<br>1985547-\$ or US-<br>1956541-\$).did. | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>15:26 |
| S32 | 79  | S30 not (S17 S24 S18<br>S19 S20 S21 S22 S23<br>S25 S26 S27 S28 S29<br>S31)   | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>15:27 |
| S33 | 145 | 271/279.ccls. not (S17<br>S24 S18 S19 S20 S21<br>S22 S23 S25 S26 S27<br>S28 S29 S31)   | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>15:29 |
| S34 | 140 | 271/279.ccls. not (S17<br>S24 S18 S19 S20 S21<br>S22 S23 S25 S26 S27<br>S28 S29 S31 S32)   | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>15:30 |

|     |     |   |                           |    |    |                     |
|-----|-----|---|---------------------------|----|----|---------------------|
| S35 | 254 | ("0086581"   "0968709"<br>  "1266737"  <br>"1365741"   "1915376"<br>  "2019658"  <br>"2109050"   "2794637"<br>  "2855833"  <br>"3032335"   "3075678"<br>  "3115090"  <br>"3154307"   "3162438"<br>  "3166206"  <br>"3205794"   "3294394"<br>  "3347367"  <br>"3362705"   "3379320"<br>  "3410421"  <br>"3410423"   "3459421"<br>  "3477591"  <br>"3487447"   "3488693"<br>  "3607583"  <br>"3702186"   "3762697"<br>  "3841625"  <br>"3851773"   "3999454"<br>  "4120491"  <br>"4205837"   "4207788"<br>  "4228997"  <br>"4242773"   "4244565"<br>  "4373713"  <br>"4378734"   "4384813"<br>  "4451028"  <br>"4490132"   "4506882"<br>  "4522387"  <br>"4534552"   "4539002"<br>  "4593896"  <br>"4618302"   "4729282"<br>  "4865307"  <br>"4881731"   "4915371"<br>  "4925173"  <br>"4925179"   "4934264"<br>  "4938657"  <br>"4955964"   "4968015"<br>  "4976420"  <br>"4997337"   "5005815"<br>  "5040783"  <br>"5054767"   "5067700"<br>  "5082255"  <br>"5083768"   "5083998"<br>  "5112033"  <br>"5120049"   "5123638"<br>  "5131646"  <br>"5156389"   "5180160"<br>  "5236188"  <br>"5241905"   "5242364"<br>  "5249791"  <br>"5261655"   "5452886"<br>  "5560599"  <br>"5595379"   "5615878"<br>  "5639083"  <br>"5647586"   "5727783"<br>  "5730435" | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/04/12<br>15:46 |
|-----|-----|---|---------------------------|----|----|---------------------|

|     |    |  |                    |    |    |                     |
|-----|----|--|--------------------|----|----|---------------------|
|     |    | "5740900"   "5836084"<br>  "5894796"  <br>"5915441"   "5927712"<br>  "6116595"  <br>"6394445"   "RE34970").<br>PN. OR ("1627333"  <br>"1856978"   "1956541"<br>  "1985547"  <br>"2001/0022421"  <br>"2005/0023746"  <br>"2014933"   "2031136"<br>  "2067565"  <br>"2109050"   "3459421"<br>  "3531108"  <br>"3762697"   "3851773"<br>  "3894479"  <br>"3980183"   "4120491"<br>  "4534552"  <br>"4948112"   "5112033"<br>  "5359929"  <br>"5359930"   "5485992"<br>  "5641156"  <br>"5653428"   "6247692"<br>  "6419219"  <br>"6755128"   "6910690"<br>  "6994337"  <br>"7121201").URPN. |                    |    |    |                     |
| S36 | 31 | S35 not (S17 S24 S18<br>S19 S20 S21 S22 S23<br>S25 S26 S27 S28 S29<br>S31 S32 S33 S34)   | US-PGPUB;<br>USPAT | OR | ON | 2008/04/12<br>15:47 |

9/ 10/ 2008 4:06:54 PM

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